

NUCLEAR INSTRUMENTS & METHODS

A JOURNAL ON ACCELERATORS, INSTRUMENTATION
AND TECHNIQUES IN NUCLEAR PHYSICS AND RELATED FIELDS

EDITOR: K. SIEGBAHN-UPPSALA

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Electronic and Atomic Collisions

Invited Papers

Proceedings of the 11th International Conference on the Physics of Electronic and Atomic Collisions (ICPEAC XI), Kyoto, Japan, August 29 - September 4, 1979.

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The Kyoto Conference is one of a series of conferences, the first of which was held in New York in 1958. They are now held every two years.

In this volume, the texts of all the oral presentations at the Conference: 10 invited lectures and review talks, 17 progress reports and papers presented at 8 symposia, are included. The papers, listed below, deal with two-body interactions between ions, atoms, simple molecules, electrons (and positrons) and photons. The collision energies of interest range from subthermal to millions of electron volts.

This book and the Book of Abstracts of Contributed Papers together form the official scientific record of the Kyoto ICPEAC.

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The International Conference on Electron and Atomic Collisions (ICEAC) is a series of conferences organized by the International Union of Pure and Applied Chemistry (IUPAC) and the International Union of Pure and Applied Physics (IUPAP). The first conference was held in 1964 in Prague, and the series has continued ever since. The conferences are held every two years, alternating between Europe and North America. The topics of the conferences are broad, covering all aspects of electron and atomic collisions, from basic theory to applications in plasma physics, astrophysics, and chemistry. The conferences are held in conjunction with the IUPAC and IUPAP meetings, and are one of the most important international meetings in the field of atomic and molecular physics.

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The International Conference on Electron and Atomic Collisions (ICEAC) XI was held in 1986 in Amsterdam, The Netherlands. The conference was held in conjunction with the IUPAC and IUPAP meetings, and was one of the most important international meetings in the field of atomic and molecular physics.

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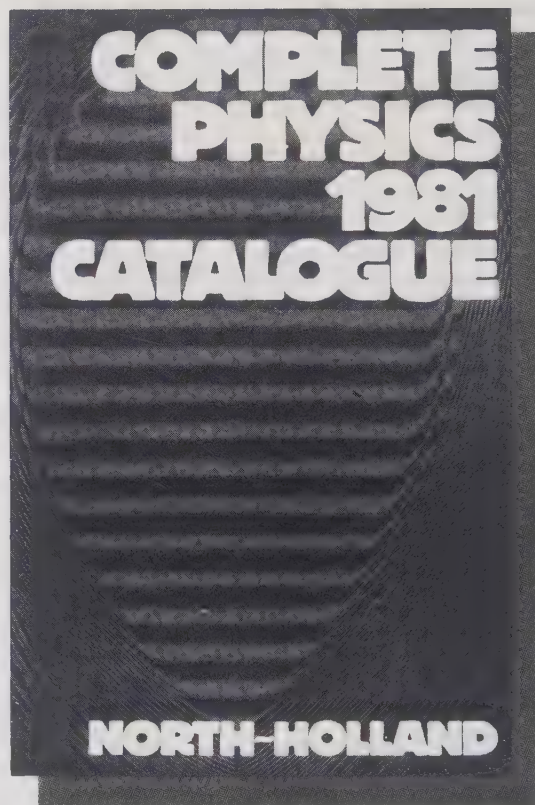
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